

New Product Announcement

Switch Fast to the EPCOS CeraLink SP and LP Capacitors Now at Mouser

March 16, 2015 – [Mouser Electronics](http://www.mouser.com), Inc., the global authorized distributor with the newest semiconductors and electronic components, is now stocking the newest additions to the CeraLink™ capacitor series, the [CeraLink SP and LP Capacitors](#) from [EPCOS](http://www.epcos.com). CeraLink capacitors are unique in that as the voltage across the capacitor increases, the capacitance of the device increases. These capacitors also display very low series resistance (ESR) and very low series inductance (ESL), allowing these capacitors to switch extremely fast. These capacitors target high frequency applications.

The [EPCOS CeraLink™ SP and LP Capacitors](#), available from Mouser Electronics, are the latest additions to the EPCOS CeraLink capacitor family and feature EPCOS' patented antiferroelectric capacitor technology, which allows the capacitors to exhibit an increase in capacitance as voltage increases. The CeraLink™ is based on the ceramic material lead lanthanum zirconate titanate (PLZT). In contrast to conventional ceramic capacitors, CeraLink has its maximum capacitance at the application voltage, which increases proportionately to the share of the ripple voltage. Other advantages include high insulation resistance and very low parasitic effects. Moreover, uncontrolled thermal runaway is not an issue with CeraLink. This makes CeraLink technology perfect for embedding in IGBT modules to act as snubber capacitors. These capacitors are very compact and may be placed very close to the semiconductor with negligible ESL.

The CeraLink LP (Low Profile) series targets fast switching systems and can handle voltages up to 650V. The LP series features high ripple current capability and low ESR and ESL, resulting in low power losses for high frequency systems of up to several MHz.

The CeraLink LP series is RoHS compliant and features copper inner electrodes and silver outer electrodes with a silver coated copper lead frame with an epoxy resin adhesive. These capacitors target [industrial power converters](#) as well as [DC-to-AC inverter](#) applications. The CeraLink SP (Solder Pin) Series are similar to the CeraLink LP series except in a leaded package for through-hole applications. These devices feature silver-coated copper pins and are packaged in a 33mm x 22.86mm plastic housing.

To learn more, visit: http://www.mouser.com/new/epcos/epcos_ceralink/.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 20 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 500 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 400,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About EPCOS

EPCOS products are part of the product portfolio of TDK Corporation, one of the leading manufacturers of electronic components, modules, systems and devices. The broad portfolio of passive electronic components includes capacitors, ferrites, inductors, high-frequency components such as surface acoustic wave (SAW) filter products, piezo and protection components, and sensors. These components are marketed under the product brands TDK and EPCOS.

Trademarks

Mouser and Mouser Electronics are registered trademarks of Mouser Electronics, Inc. All other products, logos, and company names mentioned herein may be trademarks of their respective owners.

– 30 –

Further information, contact:
Kevin Hess, Mouser Electronics
Vice President Technical Marketing
(817) 804-3833
Kevin.Hess@mouser.com

For press inquiries, contact:
Kelly DeGarmo, Mouser Electronics
Corporate Communications Manager
(817) 804-7764
Kelly.DeGarmo@mouser.com